

Project

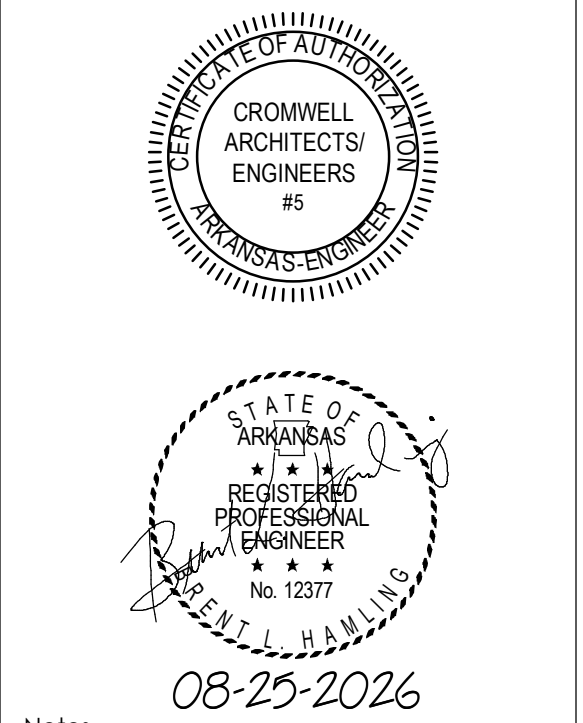
CHI St. Vincent
Little Rock Infirmary
Imaging Suite Renovations

Design Phase

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Date	Description
1	08-25-2026	RB 001

Stamp



Notes

1. CROMWELL ARCHITECTS ENGINEERS, INC. ALL RIGHTS RESERVED

2. THIS SHEET DESIGNED FOR COLOR PRINTING. CRITICAL INFORMATION MAY BE LOST WITH BLACK AND WHITE PRINTING.

Project Number 2025-179

Issue Date 08-25-2026

Sheet Title

ELECTRICAL SINGLE-LINE
DIAGRAM

Sheet Number

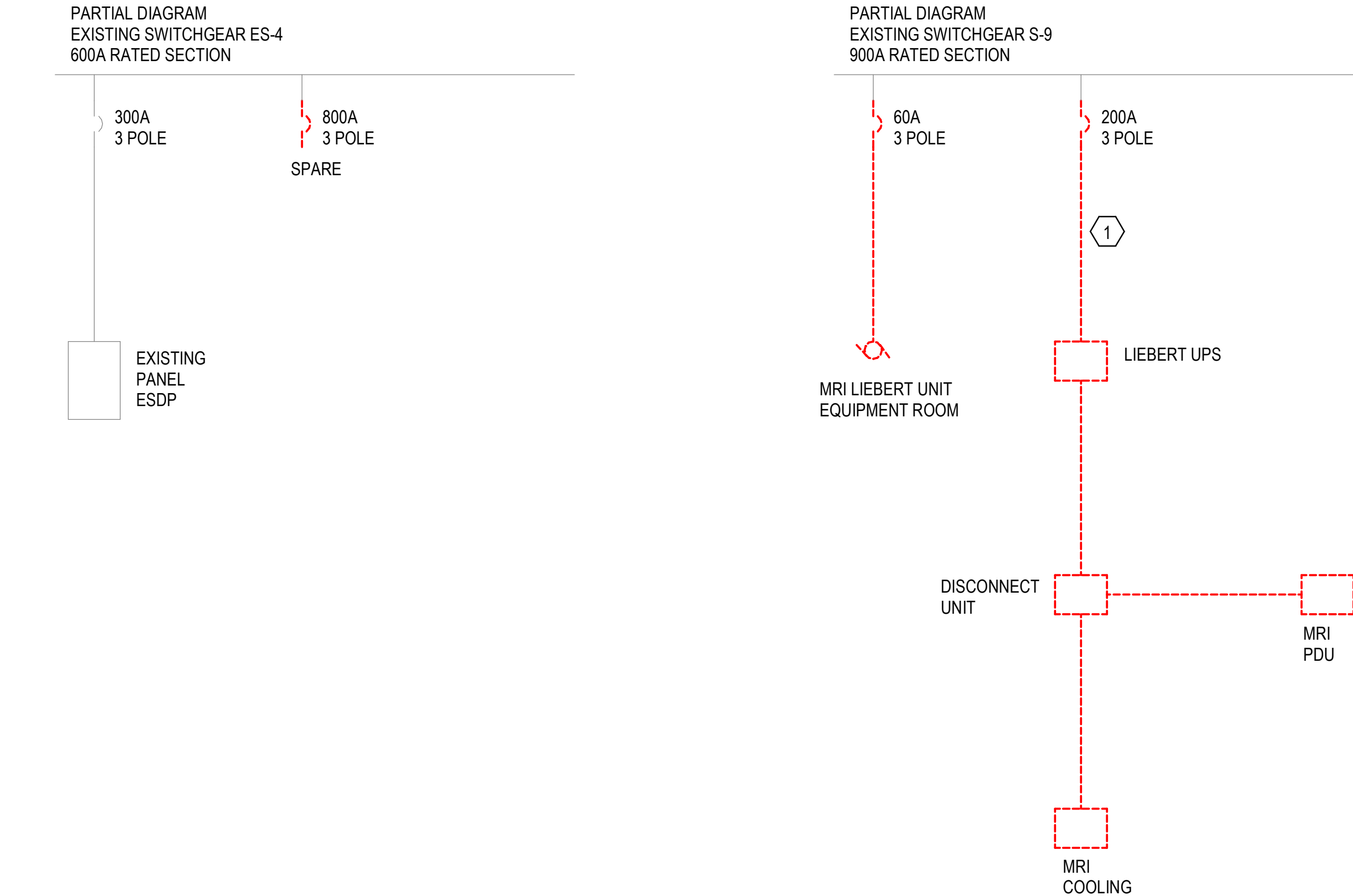
E-601

GENERAL NOTES:

- A. INFORMATION SHOWN IS FROM CASUAL SITE OBSERVATIONS AND RECORD DRAWINGS. VERIFY EXISTING CONDITIONS PRIOR TO DEMOLITION.
- B. SWITCHGEAR ES-4 IS LOCATED ON THE FLOOR BELOW. VERIFY EXACT LOCATION OF ELECTRICAL EQUIPMENT AND ROUTING OF NEW CONDUIT.
- C. SWITCHGEAR S-9 IS LOCATED ON THE SAME FLOOR AS THE MRI SUITE. VERIFY EXACT LOCATION OF ELECTRICAL EQUIPMENT AND ROUTING OF NEW CONDUIT.
- D. TEST AND VERIFY THE POWER SUPPLY TO THE MRI ELECTRONICS CABINET COMPLIES WITH MRI MANUFACTURER'S SPECIFICATIONS PRIOR TO CONNECTING TO THE EQUIPMENT.

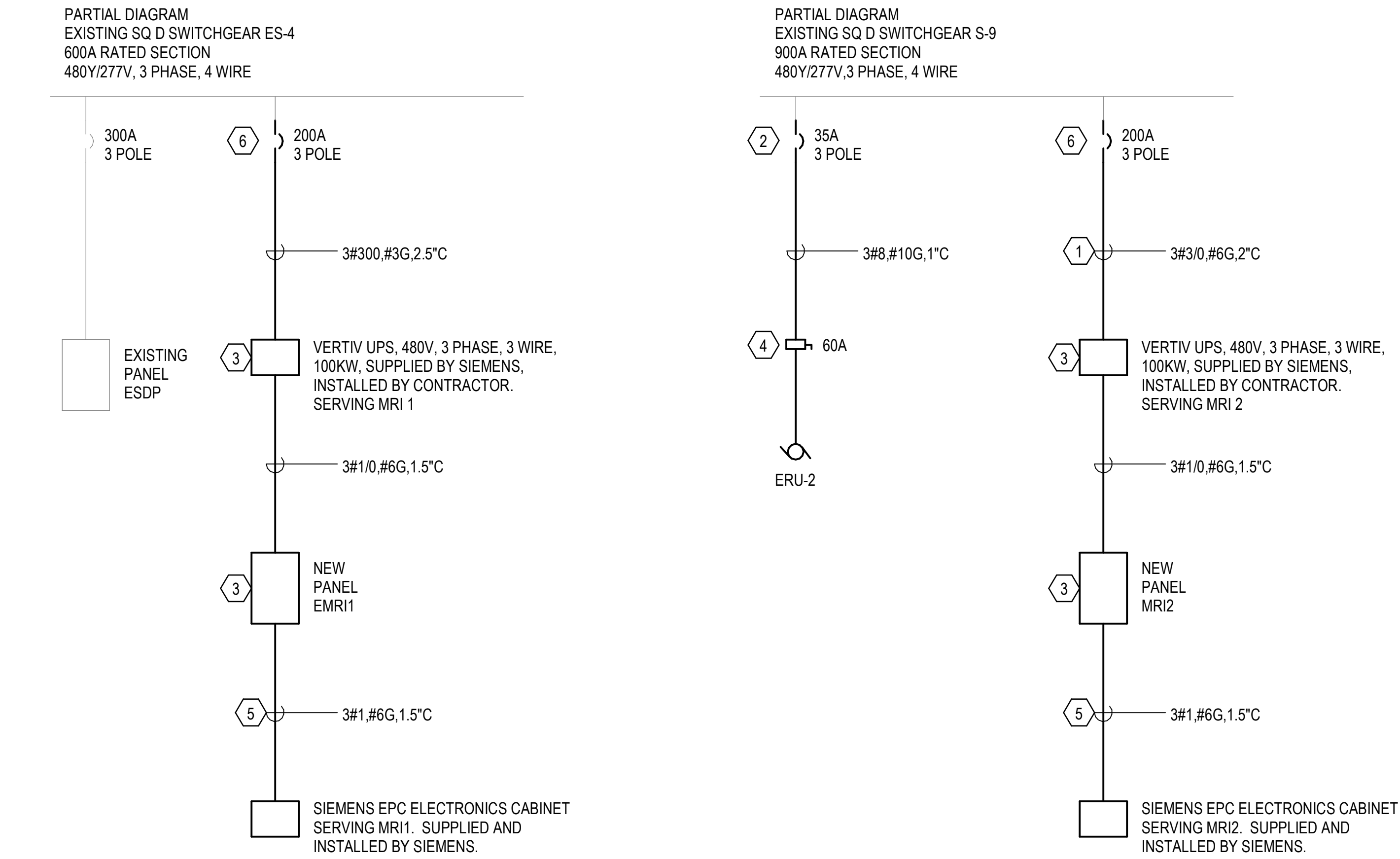
KEYED NOTES:

- 1 EXISTING FEEDER MAY BE REUSED IF EXISTING IS THE SAME SIZE AS INDICATED FOR NEW OR LARGER. IF REUSED, EXTEND CONDUIT AND CONDUCTORS AS NECESSARY TO ACCOMMODATE NEW UPS LOCATION. MATCH EXISTING CONDUIT AND CONDUCTOR SIZES.
- 2 PROVIDE CIRCUIT BREAKER THAT IS COMPATIBLE WITH EXISTING SWITCH GEAR. MATCH INTERRUPT RATING OF EXISTING GEAR.
- 3 CONNECT UNDERVOLTAGE RELAY FOR MAIN CIRCUIT BREAKER TO EMERGENCY POWER OF BUTTONS AND UPS UNDERVOLTAGE RELAY. COORDINATE WITH MRI MANUFACTURER REQUIREMENTS.
- 4 DISCONNECT PROVIDED WITH MECHANICAL EQUIPMENT.
- 5 PER MRI MANUFACTURER REQUIREMENTS, CONDUCTORS MUST BE SHIELDED TO THE MRI ELECTRONICS CABINET. CONNECT CONDUCTORS TO THE MRI ELECTRONICS CABINET. COORDINATE INSTALLATION WITH MRI EQUIPMENT PROVIDER.
- 6 PROVIDE CIRCUIT BREAKER THAT IS COMPATIBLE WITH EXISTING SWITCH GEAR. CIRCUIT BREAKER MUST BE A MINIMUM OF 35KAIC, BE 100% RATED, AND HAVE AN INSTANTANEOUS TRIP RATING OR SETTING EQUAL TO OR GREATER THAN 1600A.



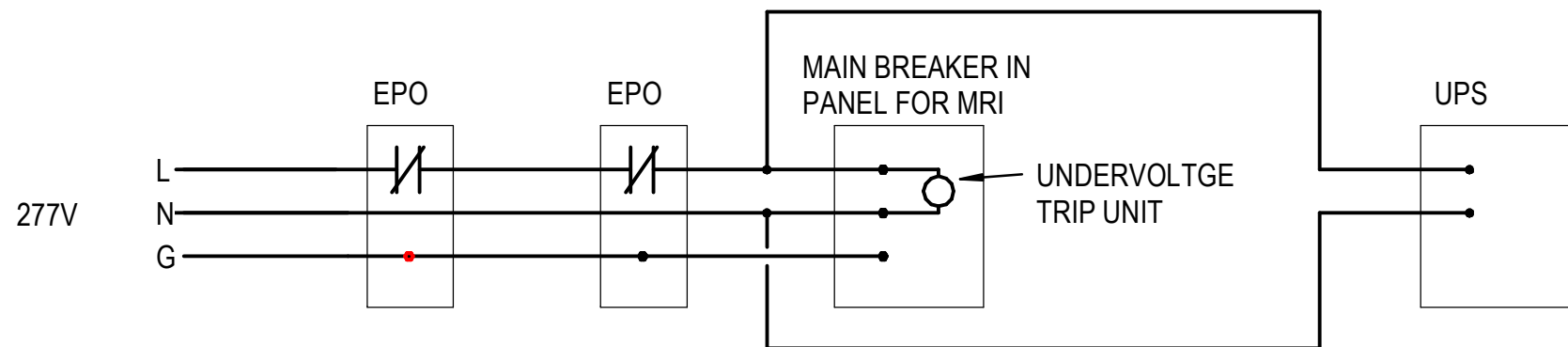
1 EXISTING PARTIAL SINGLE LINE

N.T.S.



2 NEW PARTIAL SINGLE LINE

N.T.S.



NOTES:

1. SEE SIEMENS DRAWINGS FOR ADDITIONAL INFORMATION.
2. CONDUCTORS SHALL BE #12 IN 0.75" EMT.
3. VERIFY LOCATION OF EPO BUTTONS WITH SIEMENS DRAWINGS.
4. QUANTITY OF EPO BUTTONS PER SIEMENS DRAWINGS.
5. COORDINATE CONNECTION TO UPS WITH UPS MANUFACTURER.

3 EPO SCHEMATIC

N.T.S.